Please type a plus sign (+) inside this box [+]

PTO/SB/05 (2/98)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	501037.05 (30058/US/4)	October 14, 2003
First Inventor or Application Identifier	Leel S. Janzen	
Title	METHOD AND CIRCUIT FOR ADJUSTING A SELF-REFRESH RATE TO MAINTAIN DYNAMIC DATA AT LOW SUPPLY VOLTAGES	
Express Mail Label No.	EL 990358703 US	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. [ ] Fee Transmittal Sheet (+ copy) *(Submit an original and a duplicate for fee processing)*
2. [ ] Applicant(s) Claim(s) Small Entity Status
3. [X] Specification [Total Pages] 33 *(preferred arrangement set forth below)*
   - Descriptive Title of the Invention
   - Cross References to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to Microfiche Appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. [X] Drawing(s) *(35 USC 113)* [Total Sheets] 5
5. [X] Oath or Declaration [Total Pages] 1
   a. [ ] Newly executed (original or copy)
   b. [X] Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
      i. [ ] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. [X] Application Data Sheet (37 C.F.R. 1.76)
7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. [ ] Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. [ ] Computer-Readable Form (CRF)
   b. [ ] Specification Sequence Listing on:
      i. [] CD-ROM or CD-R (2 copies); or
      ii. [] paper
   c. [ ] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [ ] Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. [ ] Assignment Papers (cover sheet & document(s))
11. [ ] 37 CFR 3.73(b) Statement *(when there is an assignee)* [ ] Power of Attorney
12. [ ] English Translation Document *(if applicable)*
13. [X] Preliminary Amendment Total Pages 3
14. [X] Return Receipt Postcard
15. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
16. [ ] Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
17. [X] Other: Certificate of Express Mail; Copy of Election &POA

18. **If a CONTINUING APPLICATION,** *check appropriate box and supply the requisite information below and in a preliminary amendment*

[X] Continuation [ ] Divisional [ ] Continuation-In-Part (CIP) of prior Application No.: 09/973,998 Filed October 9, 2001

Prior application information: Examiner **Thong Q. Le** *Group / Art Unit* **2818**

[X] Incorporation By Reference *(useable if box 5b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

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SIGNATURE [signature] Date October 14, 2003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Leel S. Janzen Attorney Docket No.: 501037.05 (30058/US/4)

Filed : October 14, 2003

Title : METHOD AND CIRCUIT FOR ADJUSTING A SELF-REFRESH RATE TO MAINTAIN DYNAMIC DATA AT LOW SUPPLY VOLTAGES

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION
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Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 990358703 US, on October 14, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

DORSEY & WHITNEY LLP

/ for West Courier

KNE:asw

Enclosures:

Postcard
PTO/SB/05 Utility Patent Application Transmittal
Application Data Sheet
Preliminary Amendment
Specification, Claims, Abstract (33 pages)
5 Sheets of Drawings (Figures 1-6)
Copy of Declaration
Copy of Election and Power of Attorney